

Title (en)
RECOATER SYSTEM FOR ADDITIVE MANUFACTURING

Title (de)
NEUBESCHICHTUNGSSYSTEM FÜR DIE GENERATIVE FERTIGUNG

Title (fr)
SYSTÈME DE RECOUVREMENT POUR FABRICATION ADDITIVE

Publication
EP 3976350 A4 20230215 (EN)

Application
EP 20815343 A 20200527

Priority
• US 201962853436 P 20190528
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Abstract (en)
[origin: US2020376762A1] Disclosed embodiments relate to recoater systems for use with additive manufacturing systems. A recoater assembly may be adjustable along multiple degrees of freedom relative to a build surface, which may allow for adjustment of a spacing between the recoater assembly and the build surface and/or an orientation of the recoater assembly relative to an orientation of the build surface. In some embodiments, the recoater assembly may be supported by four support columns extending above the build surface, and attachments between the recoater assembly and the support columns may be independently adjustable to adjust the recoater relative to the build surface.

IPC 8 full level
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Citation (search report)
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• [A] US 2019039135 A1 20190207 - HOLLAHAN JONATHON LEE [US]
• [AP] EP 3536484 A1 20190911 - CL SCHUTZRECHTSVERWALTUNGS GMBH [DE]
• See references of WO 2020243145A1

Designated contracting state (EPC)
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US 11247396 B2 20220215; US 2020376762 A1 20201203; CN 114126842 A 20220301; EP 3976350 A1 20220406; EP 3976350 A4 20230215; US 11760014 B2 20230919; US 2022152926 A1 20220519; US 2023373160 A1 20231123; WO 2020243145 A1 20201203

DOCDB simple family (application)
US 202016884514 A 20200527; CN 202080047713 A 20200527; EP 20815343 A 20200527; US 2020034658 W 20200527; US 202217587204 A 20220128; US 202318364817 A 20230803